

**IN THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-42 (Canceled).

43 (New). An image processing terminal apparatus comprising:

an image capture device having a first light-emitting element emitting light from above in a direction substantially perpendicular to a surface of a document when capturing image data of an intended area, a second light-emitting element emitting light in a direction substantially parallel to the surface of the document when capturing a small image area, and an image sensor comprising a first area and a second area, wherein the first area captures a plurality of large image information by optically motion-scanning the document with the first light-emitting element, and the second area captures small image information selected from at least two predetermined areas with respect to the plurality of large image information by optically motion-scanning the document with the second light-emitting element;

an image process device configured to calculate relative position coordinates by referring to the small image information captured in the second area of the image sensor in the image capture device; and

an output device configured to output the position information of the small image area resulting from the calculation in the image process device and the corresponding large image information.

44 (New). The image processing terminal apparatus according to claim 43, wherein a

resolution of the small image area where position coordinates are calculated is different from a resolution of the large image information.

45 (New). The image processing terminal apparatus according to claim 43 or 44, further comprising:

a display device; and

an input device configured to input data from an external computer,

wherein the large image information is outputted from the output device to the computer for character recognition at the computer according to entire image data that has been formed based on the position information data, and a result thereof is inputted to the input device to be displayed on the display device.

46 (New). The image processing terminal apparatus according to any one of claims 43 to 45, wherein the display device displays the large image information while scanning the image.

47 (New). The image processing terminal apparatus according to any one of claims 43 to 46, wherein the apparatus is connected with the computer via wired means such as a high-speed bidirectional communication bus or via wireless means such as optical communication or radio wave and used as a pointing device.

48 (New). The image processing terminal apparatus according to any one of claims 43 to 47, wherein the apparatus is incorporated into a mobile phone and connected with a server via wireless public switched telephone network of the mobile phone to send the large image information and a

position information of the small image obtained in the image processing terminal device to the server.

49 (New). A method of image processing in an image processing terminal apparatus, wherein an intended area on a document is motion-scanned by using the image processing terminal apparatus, comprising the steps of:

emitting light by a first light-emitting element from above in a direction substantially perpendicular to a surface of a document when capturing image data of an intended area;

emitting light by a second light-emitting element in a direction substantially parallel to the surface of the document when capturing a small image area;

capturing a plurality of large image information into a first area of an image sensor in an image capture device by optically motion-scanning the document with the first light-emitting element and capturing small image information selected from at least two predetermined areas with respect to the plurality of large image information into a second area of the image sensor in the image capture device by optically motion-scanning the document with the second light-emitting element;

processing image by calculating relative position coordinates by referring to the small image information captured in the second area of the image sensor in the image capture device; and

outputting the position information of the small image area resulting from the calculation in the image process device and the corresponding large image information.